

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
TYLER DIVISION**

**BLUE SPIKE, LLC,**

*Plaintiff,*

**V.**

**TEXAS INSTRUMENTS, INC., et al.,**

***Defendants.***

**Civil Action No. 6:12-CV-499-MHS**

## LEAD CASE

## JURY TRIAL DEMANDED

**FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT AGAINST  
DERMALOG IDENTIFICATION SYSTEMS, GMBH**

3. On information and belief, DERMALOG Identification Systems, GmbH is a Germany company, having its principal place of business at Mittelweg 120, Hamburg 20148, Germany. Defendant can be served through the service of process through the Hague Convention foreign service procedure for Germany. Defendant sells products and does business in the State of Texas and in the Eastern District of Texas.

#### **JURISDICTION AND VENUE**

4. This lawsuit is a civil action for patent infringement arising under the patent laws of the United States, 35 U.S.C. §101 *et seq.* The Court has subject-matter jurisdiction pursuant to 28 U.S.C. §§1331, 1332, 1338(a), and 1367.

5. The Court has personal jurisdiction over Defendant for at least four reasons: (1) Defendant has committed acts of patent infringement and contributed to and induced acts of patent infringement by others in this District and elsewhere in Texas; (2) Defendant regularly does business or solicits business in the District and in Texas; (3) Defendant engages in other persistent courses of conduct and derives substantial revenue from products and/or services provided to individuals in the District and in Texas; and (4) Defendant has purposefully established substantial, systematic, and continuous contacts with the District and should reasonably expect to be haled into court here. For example, Defendant distributes its infringing products through a Texas corporation, Fulcrum Biometrics, LLC having its principal place of business at 1862 W Bitters Road, Suite 100, San Antonio, TX 78248. Thus, the Court's exercise of jurisdiction over Defendant will not offend traditional notions of fair play and substantial justice.

6. Venue is proper in this judicial district under 28 U.S.C. §§1391(b)–(c) and 1400(b) because Defendant does business in the State of Texas, Defendant has committed acts of infringement in Texas and in the District, a substantial part of the events or omissions giving rise to Blue Spike’s claims happened in the District, and Defendant is subject to personal jurisdiction in the District.

### **FACTUAL BACKGROUND**

7. Defendant designs, develops, and manufactures fingerprint-based biometric software, systems, and technology. Defendant makes, uses, offers for sale and/or imports into the U.S. products, systems, and/or services including, but not limited to, its Civil AFIS, Criminal AFIS & Palm AFIS, Combined AFIS, Next Generation AFIS, Biometric Gate, Finger Payment, and FingerLogin Suite (“Accused Products”), which infringe one or more claims of the Patents-in-Suit.

8. Defendant has not sought or obtained a license for any of Blue Spike’s patented technologies.

9. Yet Defendant’s Accused Products are using methods, devices, and systems taught by Blue Spike’s Patents-in-Suit.

### **COUNT 1: INFRINGEMENT OF U.S. PATENT NO. 8,214,175**

10. Blue Spike incorporates by reference the allegations in paragraphs 1 through 9 of this complaint.

11. Blue Spike, LLC is assignee of the ’175 Patent, titled “Method and Device for Monitoring and Analyzing Signals,” and has ownership of all substantial rights in the ’175 Patent, including the rights to grant sublicenses, to exclude others from using it, and to sue and obtain damages and other relief for past and future acts of patent infringement.

12. The '175 Patent is valid, is enforceable, and was duly and legally issued on July 3, 2012.

13. Without a license or permission from Blue Spike, Defendant has infringed and continues to infringe on one or more claims of the '175 Patent—directly, contributorily, or by inducement—by importing, making, using, offering for sale, or selling products and devices that embody the patented invention, including, without limitation, one or more of the Accused Products, in violation of 35 U.S.C. §271.

14. Defendant has been and now is indirectly infringing by way of inducing infringement by others and/or contributing to the infringement by others of the '175 Patent in the State of Texas, in this judicial district, and elsewhere in the United States, by, among other things, making, using, importing, offering for sale, and/or selling, without license or authority, products for use in systems that fall within the scope of one or more claims of the '175 Patent. Such products include, without limitation, one or more of the Accused Products. Such products have no substantial non-infringing uses and are for use in systems that infringe the '175 Patent. By making, using, importing offering for sale, and/or selling such products, Defendant injured Blue Spike and is thus liable to Blue Spike for infringement of the '175 Patent under 35 U.S.C. § 271. Those whom Defendant induces to infringe and/or to whose infringement Defendant contributes are the end users of the Accused Products. Defendant had knowledge of the '175 Patent at least as early as the service of this complaint and is thus liable for infringement of one or more claims of the '175 Patent by actively inducing infringement and/or is liable as contributory infringer of one or more claims of the '175 Patent under 35 U.S.C. §271.

15. Defendant's acts of infringement of the '175 Patent have caused damage to Blue Spike, and Blue Spike is entitled to recover from Defendant the damages sustained as a result of Defendant's wrongful acts in an amount subject to proof at trial pursuant to 35 U.S.C. §271. Defendant's infringement of Blue Spike's exclusive rights under the '175 Patent will continue to damage Blue Spike, causing it irreparable harm, for which there is no adequate remedy at law, warranting an injunction from the Court.

16. On information and belief, Defendant has continued to infringe the '175 Patent since receiving notice of their infringement, at least by way of their receiving notice of this lawsuit. On information and belief, such continued infringement has been objectively reckless including because Defendant has (1) acted despite an objectively high likelihood that its actions constituted infringement of a valid patent and (2) knew or should have known of that objectively high risk. Accordingly, Blue Spike seeks a willfulness finding against Defendant relative to its infringement of the '175 Patent entitling Blue Spike to increased damages under 35 U.S.C. §284 as well as attorneys' fees and costs under 35 U.S.C. §285.

17. On information and belief, the infringement of the Patents-in-Suit by Defendant has been willful and continues to be willful. Defendant had knowledge of the Patents-in-Suit, including but not limited to at least one or more of the following:

- a. The Patents-in-Suit are prominent, pioneering patents in the field of monitoring and analyzing signals. This is evidenced, in part, by the extent to which each of these patents has been forward-cited as prior art in connection with the examination of subsequently-issued U.S. patents. The Patents-in-Suit have been forward-cited in at least 10 U.S.-issued patents and patent applications,

including patents originally assigned to such prominent companies as Microsoft, Agilent, Nvidia, and Avaya.

b. Through the filing and known attempted service of the original Complaint in this lawsuit in January 2013.

18. On information and belief, Defendant has at least had constructive notice of the '175 Patent by operation of law.

**COUNT 2:  
INFRINGEMENT OF U.S. PATENT NO. 7,949,494**

19. Blue Spike incorporates by reference the allegations in paragraphs 1 through 18 of this complaint.

20. Blue Spike, LLC is assignee of the '494 Patent, titled "Method and Device for Monitoring and Analyzing Signals," and has ownership of all substantial rights in the '494 Patent, including the rights to grant sublicenses, to exclude others from using it, and to sue and obtain damages and other relief for past and future acts of patent infringement.

21. The '494 Patent is valid, is enforceable, and was duly and legally issued on May 24, 2011.

22. Without a license or permission from Blue Spike, Defendant has infringed and continues to infringe on one or more claims of the '494 Patent—directly, contributorily, or by inducement—by importing, making, using, offering for sale, or selling products and devices that embody the patented invention, including, without limitation, one or more of the Accused Products, in violation of 35 U.S.C. §271.

23. Defendant has been and now is indirectly infringing by way of inducing infringement by others and/or contributing to the infringement by others of the '494 Patent in the State of Texas, in this judicial district, and elsewhere in the United States,

by, among other things, making, using, importing, offering for sale, and/or selling, without license or authority, products for use in systems that fall within the scope of one or more claims of the '494 Patent. Such products include, without limitation, one or more of the Accused Products. Such products have no substantial non-infringing uses and are for use in systems that infringe the '494 Patent. By making, using, importing offering for sale, and/or selling such products, Defendant injured Blue Spike and is thus liable to Blue Spike for infringement of the '494 Patent under 35 U.S.C. §271. Those whom Defendant induces to infringe and/or to whose infringement Defendant contributes are the end users of the Accused Products. Defendant had knowledge of the '494 Patent at least as early as the service of this complaint and is thus liable for infringement of one or more claims of the '494 Patent by actively inducing infringement and/or is liable as contributory infringer of one or more claims of the '494 Patent under 35 U.S.C. § 271.

24. Defendant's acts of infringement of the '494 Patent have caused damage to Blue Spike, and Blue Spike is entitled to recover from Defendant the damages sustained as a result of Defendant's wrongful acts in an amount subject to proof at trial pursuant to 35 U.S.C. §271. Defendant's infringement of Blue Spike's exclusive rights under the '494 Patent will continue to damage Blue Spike, causing it irreparable harm, for which there is no adequate remedy at law, warranting an injunction from the Court.

25. On information and belief, Defendant has continued to infringe the '494 Patent since receiving notice of their infringement, at least by way of their receiving notice of this lawsuit. On information and belief, such continued infringement has been objectively reckless including because Defendant has (1) acted despite an objectively high likelihood that its actions constituted infringement of a valid patent and (2) knew or should have

known of that objectively high risk. Accordingly, Blue Spike seeks a willfulness finding against Defendant relative to its infringement of the '494 Patent entitling Blue Spike to increased damages under 35 U.S.C. §284 as well as attorneys' fees and costs under 35 U.S.C. §285.

26. On information and belief, the infringement of the Patents-in-Suit by Defendant has been willful and continues to be willful. Defendant had knowledge of the Patents-in-Suit, including but not limited to at least one or more of the following:

a. The Patents-in-Suit are prominent, pioneering patents in the field of monitoring and analyzing signals. This is evidenced, in part, by the extent to which each of these patents has been forward-cited as prior art in connection with the examination of subsequently-issued U.S. patents. The Patents-in-Suit have been forward-cited in at least 10 U.S.-issued patents and patent applications, including patents originally assigned to such prominent companies as Microsoft, Agilent, Nvidia, and Avaya.

b. Through the filing and known attempted service of the original Complaint in this lawsuit in January 2013.

27. On information and belief, Defendant has at least had constructive notice of the '494 Patent by operation of law.

**COUNT 3:  
INFRINGEMENT OF U.S. PATENT NO. 7,660,700**

28. Blue Spike incorporates by reference the allegations in paragraphs 1 through 27 of this complaint.

29. Blue Spike, LLC is assignee of the '700 Patent, titled "Method and Device for Monitoring and Analyzing Signals," and has ownership of all substantial rights in the



'700 Patent, including the rights to grant sublicenses, to exclude others from using it, and to sue and obtain damages and other relief for past and future acts of patent infringement.

30. The '700 Patent is valid, is enforceable, and was duly and legally issued on February 9, 2010.

31. Without a license or permission from Blue Spike, Defendant has infringed and continues to infringe on one or more claims of the '700 Patent—directly, contributorily, or by inducement—by importing, making, using, offering for sale, or selling products and devices that embody the patented invention, including, without limitation, one or more of the Accused Products, in violation of 35 U.S.C. §271.

32. Defendant has been and now is indirectly infringing by way of inducing infringement by others and/or contributing to the infringement by others of the '700 Patent in the State of Texas, in this judicial district, and elsewhere in the United States, by, among other things, making, using, importing, offering for sale, and/or selling, without license or authority, products for use in systems that fall within the scope of one or more claims of the '700 Patent. Such products include, without limitation, one or more of the Accused Products. Such products have no substantial non-infringing uses and are for use in systems that infringe the '700 Patent. By making, using, importing offering for sale, and/or selling such products, Defendant injured Blue Spike and is thus liable to Blue Spike for infringement of the '700 Patent under 35 U.S.C. §271. Those whom Defendant induces to infringe and/or to whose infringement Defendant contributes are the end users of the Accused Products. Defendant had knowledge of the '700 Patent at least as early as the service of this complaint and is thus liable for infringement of one or more claims of

the '700 Patent by actively inducing infringement and/or is liable as contributory infringer of one or more claims of the '700 Patent under 35 U.S.C. §271.

33. Defendant's acts of infringement of the '700 Patent have caused damage to Blue Spike, and Blue Spike is entitled to recover from Defendant the damages sustained as a result of Defendant's wrongful acts in an amount subject to proof at trial pursuant to 35 U.S.C. §271. Defendant's infringement of Blue Spike's exclusive rights under the '700 Patent will continue to damage Blue Spike, causing it irreparable harm, for which there is no adequate remedy at law, warranting an injunction from the Court.

34. On information and belief, Defendant has continued to infringe the '700 Patent since receiving notice of their infringement, at least by way of their receiving notice of this lawsuit. On information and belief, such continued infringement has been objectively reckless including because Defendant has (1) acted despite an objectively high likelihood that its actions constituted infringement of a valid patent and (2) knew or should have known of that objectively high risk. Accordingly, Blue Spike seeks a willfulness finding against Defendant relative to its infringement of the '700 Patent entitling Blue Spike to increased damages under 35 U.S.C. §284 as well as attorneys' fees and costs under 35 U.S.C. §285.

35. On information and belief, the infringement of the Patents-in-Suit by Defendant has been willful and continues to be willful. Defendant had knowledge of the Patents-in-Suit, including but not limited to at least one or more of the following:

- a. The Patents-in-Suit are prominent, pioneering patents in the field of monitoring and analyzing signals. This is evidenced, in part, by the extent to which each of these patents has been forward-cited as prior art in connection with

the examination of subsequently-issued U.S. patents. The Patents-in-Suit have been forward-cited in at least 10 U.S.-issued patents and patent applications, including patents originally assigned to such prominent companies as Microsoft, Agilent, Nvidia, and Avaya.

b. Through the filing and known attempted service of the original Complaint in this lawsuit in January 2013.

36. On information and belief, Defendant has at least had constructive notice of the '700 Patent by operation of law.

**COUNT 4:  
INFRINGEMENT OF U.S. PATENT NO. 7,346,472**

37. Blue Spike incorporates by reference the allegations in paragraphs 1 through 36 of this complaint.

38. Blue Spike, LLC is assignee of the '472 Patent, titled "Method and Device for Monitoring and Analyzing Signals," and has ownership of all substantial rights in the '472 Patent, including the rights to grant sublicenses, to exclude others from using it, and to sue and obtain damages and other relief for past and future acts of patent infringement.

39. The '472 Patent is valid, is enforceable, and was duly and legally issued on March 18, 2008.

40. Without a license or permission from Blue Spike, Defendant has infringed and continues to infringe on one or more claims of the '472 Patent—directly, contributorily, or by inducement—by importing, making, using, offering for sale, or selling products and devices that embody the patented invention, including, without limitation, one or more of the Accused Products, in violation of 35 U.S.C. §271.

41. Defendant has been and now is indirectly infringing by way of inducing infringement by others and/or contributing to the infringement by others of the '472 Patent in the State of Texas, in this judicial district, and elsewhere in the United States, by, among other things, making, using, importing, offering for sale, and/or selling, without license or authority, products for use in systems that fall within the scope of one or more claims of the '472 Patent. Such products include, without limitation, one or more of the Accused Products. Such products have no substantial non-infringing uses and are for use in systems that infringe the '472 Patent. By making, using, importing offering for sale, and/or selling such products, Defendant injured Blue Spike and is thus liable to Blue Spike for infringement of the '472 Patent under 35 U.S.C. §271. Those whom Defendant induces to infringe and/or whose infringement to which Defendant contributes are the end users of the Accused Products. Defendant had knowledge of the '472 Patent at least as early as the service of this complaint and is thus liable for infringement of one or more claims of the '472 Patent by actively inducing infringement and/or is liable as contributory infringer of one or more claims of the '472 Patent under 35 U.S.C. § 271.

42. Defendant's acts of infringement of the '472 Patent have caused damage to Blue Spike, and Blue Spike is entitled to recover from Defendant the damages sustained as a result of Defendant's wrongful acts in an amount subject to proof at trial pursuant to 35 U.S.C. §271. Defendant's infringement of Blue Spike's exclusive rights under the '472 Patent will continue to damage Blue Spike, causing it irreparable harm, for which there is no adequate remedy at law, warranting an injunction from the Court.

43. On information and belief, Defendant has continued to infringe the '472 Patent since receiving notice of their infringement, at least by way of their receiving notice of

this lawsuit. On information and belief, such continued infringement has been objectively reckless including because Defendant has (1) acted despite an objectively high likelihood that its actions constituted infringement of a valid patent and (2) knew or should have known of that objectively high risk. Accordingly, Blue Spike seeks a willfulness finding against Defendant relative to its infringement of the '472 Patent entitling Blue Spike to increased damages under 35 U.S.C. §284 as well as attorneys' fees and costs under 35 U.S.C. §285.

44. On information and belief, the infringement of the Patents-in-Suit by Defendant has been willful and continues to be willful. Defendant had knowledge of the Patents-in-Suit, including but not limited to at least one or more of the following:

- a. The Patents-in-Suit are prominent, pioneering patents in the field of monitoring and analyzing signals. This is evidenced, in part, by the extent to which each of these patents has been forward-cited as prior art in connection with the examination of subsequently-issued U.S. patents. The Patents-in-Suit have been forward-cited in at least 10 U.S.-issued patents and patent applications, including patents originally assigned to such prominent companies as Microsoft, Agilent, Nvidia, and Avaya.
  - b. Through the filing and known attempted service of the original Complaint in this lawsuit in January 2013.
45. On information and belief, Defendant has at least had constructive notice of the '472 Patent by operation of law.

### **REQUEST FOR RELIEF**

Blue Spike incorporates each of the allegations in paragraphs 1 through 45 above and respectfully asks the Court to:

- (a) enter a judgment that Defendant has directly infringed, contributorily infringed, and/or induced infringement of one or more claims of each of the Patents-in-Suit;
- (b) enter a judgment awarding Blue Spike all damages adequate to compensate it for Defendant's infringement of, direct or contributory, or inducement to infringe, the Patents-in-Suit, including all pre-judgment and post-judgment interest at the maximum rate permitted by law;
- (c) enter a judgment awarding treble damages pursuant to 35 U.S.C. §284 for Defendant's willful infringement of one or more of the Patents-in-Suit;
- (d) issue a preliminary injunction and thereafter a permanent injunction enjoining and restraining Defendant, its directors, officers, agents, servants, employees, and those acting in privity or in concert with them, and their subsidiaries, divisions, successors, and assigns, from further acts of infringement, contributory infringement, or inducement of infringement of the Patents-in-Suit;
- (e) enter a judgment requiring Defendant to pay the costs of this action, including all disbursements, and attorneys' fees as provided by 35 U.S.C. §285, together with prejudgment interest; and
- (f) award Blue Spike all other relief that the Court may deem just and proper.

### **DEMAND FOR JURY TRIAL**

Blue Spike demands a jury trial on all issues that may be determined by a jury.

Respectfully submitted,

/s/ Randall T. Garteiser

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*Counsel for Blue Spike, LLC*

### **CERTIFICATE OF SERVICE**

The undersigned certifies that the foregoing document was filed electronically in compliance with Local Rule CV-5(a). As such, this document was served on all counsel who are deemed to have consented to electronic service. Local Rule CV-5(a)(3)(A). Pursuant to Federal Rule of Civil Procedure 5(d) and Local Rule CV-5(d) and (e), all other counsel of record not deemed to have consented to electronic service were served with a true and correct copy of the foregoing by email. The foregoing document will be served according to the Hague Convention under the protocol established for serving a German entity.

/s/ Randall T. Garteiser  
Randall T. Garteiser